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This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A targeting system for adapting a device to a user, the system comprising:

at least one mobile communications device in communication with at least one network;

a monitor that detects time and location data associated with the mobile communications device, wherein the detected time and location data represent a current time and a location of the mobile communications device;

a virtual database accessible to the at least one mobile communications device over the at least one network, wherein said virtual database comprises:

a user profile including at least one actual user characteristic received over the at least one network;

a heuristic modeler that generates at least one heuristic user characteristic in accordance with the at least one actual user characteristic, wherein the heuristic user characteristic is stored in the user profile; and

a search engine that selects content to provide to the at least one mobile communications device over the at least one network, in accordance with said virtual database and the current time and the location of the mobile communications device.

2. (Original) The targeting system of claim 1, wherein the at least one network comprises at least one selected from the group consisting of an internet, an intranet, a direct dial-in network, and a wireless network.

3. (Canceled)

4. (Previously Presented) The targeting system of claim 1, wherein said mobile communications device comprises at least one selected from the group consisting of a cellular telephone, a programmable digital assistant, a short range wireless device, a laptop having a modem, and a web-enabled wireless device.

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5. (Canceled)

6. (Previously Presented) The targeting system of claim 1, further comprising at least one monitor, wherein said at least one monitor monitors the at least one mobile communications device, wherein said monitor is communicatively connected to said virtual database, and wherein at least one actual user characteristic is varied in accordance with at least one output of said at least one monitor.

7. (Canceled)

8. (Previously Presented) The targeting system of claim 6, wherein said monitor provides at least one actual characteristic comprising at least one selected from the group consisting of time of activity information, and position of activity information, and behavioral pattern information.

9. (Original) The targeting system of claim 6, wherein at least two of the at least one actual user characteristic are batched prior to acceptance over the at least one network by said virtual database.

10. (Original) The targeting system of claim 6, wherein said at least one monitor records at least one selected from the group consisting of activity on a television, on a telephone monitor, on the at least one network, and on a purchasing point.

11. (Original) The targeting system of claim 6, wherein said at least one monitor comprises at least one selected from the group consisting of a database, at least one storage memory, and at least one batching memory.

12. (Previously Presented) The targeting system of claim 1, wherein the at least one actual user characteristic is received from the user.

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13. (Canceled)

14. (Previously Presented) The targeting system of claim 12, further comprising an access restrictor that restricts access to the at least one user characteristic.

15. (Previously Presented) The targeting system of claim 1, wherein said virtual database is two-way accessible to said at least one of said at least one mobile communications device over the at least one network.

16. (Original) The targeting system of claim 1, wherein said virtual database comprises at least one memory, at least one processor, at least one database, and at least one comparator.

17. (Original) The targeting system of claim 1, wherein said virtual database comprises a real-time cache, and wherein at least one of the at least one actual user characteristic is real-time cached in the real-time cache.

18. (Original) The targeting system of claim 1, wherein said virtual database comprises at least one inquiry generator, wherein at least one of the at least one actual user characteristic is generated responsively to a response by the user to an inquiry from the at least one inquiry generator.

19. (Original) The targeting system of claim 18, wherein the response is permanently stored within said virtual database.

20. (Original) The targeting system of claim 18, wherein the response is temporarily stored to form, in conjunction with the at least one heuristic user characteristic, an overall model of the user within said virtual database.

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21. (Previously Presented) The targeting system of claim 18, wherein the inquiry generator comprises a monitor for monitoring the at least one mobile communications device, and wherein the response by the user comprises an activity monitored by the monitor.

22. (Previously Presented) The targeting system of claim 1, wherein the heuristic modeler comprises at least two interrelated relational databases.

23. (Previously Presented) The targeting system of claim 1, wherein said virtual database comprises: at least one network interface to the at least one network; a plurality of device interfaces to a plurality of communications devices; a search engine interface to said search engine; a storage database comprising the at least one actual user characteristic and the at least one heuristic user characteristic; and a controller communicatively connected to the at least one network interface, the plurality of device interfaces, the search engine interface, and the storage database.

24. (Original) The targeting system of claim 23, wherein the controller controls information passing to the storage database.

25. (Original) The targeting system of claim 24, wherein the controller comprises at least one selected from the group consisting of a DSP, a comparator, and a bus controller.

26. (Original) The targeting system of claim 24, wherein the controller passes the information to the storage database by at least one selected from the group consisting of text, voice over-IP, and data streaming.

27. (Previously Presented) The targeting system of claim 1, wherein the at least one actual user characteristic comprises a search request from the user for said search engine.

28. (Original) The targeting system of claim 1, wherein said virtual database weights the at least one actual user characteristic and the at least one heuristic user characteristic.

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29. (Original) The targeting system of claim 28, wherein the at least one actual user characteristic is weighted 80%, and wherein the at least one heuristic user characteristic is weighted 20%.

30. (Original) The targeting system of claim 1, wherein the heuristic modeler comprises a plurality of predictive rules in accordance with general behavioral patterns of persons other than the user.

31. (Original) The targeting system of claim 30, wherein the general behavioral patterns are directly entered to the heuristic modeler.

32. (Original) The targeting system of claim 30, wherein the general behavioral patterns are monitored by the heuristic modeler.

33. (Previously Presented) The targeting system of claim 30, wherein said virtual database instructs said search engine in accordance with a statistical probability output of the heuristic modeler, in accordance with a comparison of the at least one actual user characteristic and the predictive rules.

34. (Previously Presented) The targeting system of claim 33, wherein the statistical probability analysis is updated in accordance with a user behavior responsive to the content provided to the user by the search engine.

35. (Original) The targeting system of claim 23, wherein said virtual database further comprises an input mode selector.

36. (Original) The targeting system of claim 35, wherein the input mode selector is controllable by the user.

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37. (Original) The targeting system of claim 35, wherein the input mode selector comprises a data input mode.

38. (Original) The targeting system of claim 35, wherein the input mode selector comprises a message request mode.

39. (Original) The targeting system of claim 35, wherein the input mode selector comprises a search mode.

40. (Original) The targeting system of claim 39, wherein the search mode is an automated search mode generated in accordance with the heuristic modeler.

41. (Original) The targeting system of claim 1, further comprising a vendor data access in communication with said virtual database.

42. (Original) The targeting system of claim 41, wherein said vendor data access comprises a plurality of messages entered by a plurality of vendors.

43. (Previously Presented) The targeting system of claim 42, wherein said vendor data access is in communication with said search engine, and wherein the content comprises at least one of the plurality of messages.

44. (Original) The targeting system of claim 43, wherein said vendor data access comprises at least one selected from the group consisting of a relational database and a hyperlink.

45. (Original) The targeting system of claim 43, wherein the content comprises at least two of the plurality of messages, and wherein the at least two messages are prioritized.

46. (Original) The targeting system of claim 45, wherein the at least two messages are prioritized in accordance with a fee paid by at least two of the vendors.

47. (Original) The targeting system of claim 45, wherein the at least two messages are prioritized in accordance with a probability of success of each of the at least two messages, according to the at least one heuristic user characteristic.

48. (Previously Presented) The targeting system of claim 43, wherein said vendor data access further comprises at least one of the at least one actual user characteristic and the at least one heuristic user characteristic, and wherein said search engine selects the content in accordance with the at least one of the at least one actual user characteristic and the at least one heuristic user characteristic in said vendor data access.

49. (Previously Presented) The targeting system of claim 48, wherein said search engine comprises a filter that identifies the content as relevant to at least one of said virtual database and said vendor data access.

50. (Original) The targeting system of claim 49, wherein the filter tailors the content to the user in accordance with said virtual database.

51. (Original) The targeting system of claim 49, wherein the filter comprises an internet interface, and wherein the internet interface accesses internet information responsive to said virtual database, and wherein the content comprises the accessed internet information.

52. (Original) The targeting system of claim 1, further comprising at least one user response monitor, wherein said at least one user response monitor updates said virtual database in accordance with a response of the user to the contents.

53. (Previously Presented) A system for providing a personalized targeted message to a user, the system comprising:

a mobile communications device operated by the user;

a monitor that detects time and location data associated with the mobile communications device, wherein the detected time and location data represent a current time and a location of the mobile communications device;

a virtual database comprising at least one user profile including an actual characteristic about said user and a heuristically determined characteristic about said user, wherein the virtual database also includes one or more items of detected time and location data;

a search engine having access to a plurality of targeted messages and to said virtual database, wherein said search engine filters at least one of the targeted messages that is of interest to the user according to at least one of the actual characteristic and the heuristically determined characteristic, and one or more items of detected time and location data; and

wherein said search engine communicates the at least one targeted message of interest to said mobile communications device for provision to the user.

54. (Canceled)

55. (Previously Presented) The system of claim 53, wherein said mobile communications device is selected from the group consisting of a wireless telephone, a web-enabled programmable digital assistant, and a web-enabled personal computer.

56. (Previously Presented) The system of claim 53, wherein said virtual database comprises an overall model.

57. (Previously Presented) The system of claim 56, wherein the at least one targeted message comprises at least one vendor advertisement, and wherein the interest assessed according to the at least one characteristic comprises an interest in purchasing from the at least one vendor advertisement.

58. (Previously Presented) An adaptive wireless communication device network, comprising:

a wireless communication device;

a monitor that detects time and location data corresponding to the wireless communication device, wherein the detected time and location data represent a current time and a current location of the wireless communication device;

at least one first database comprising actual information entered by a user of the wireless device;

at least one second database comprising monitored information of behavior by the user of the wireless device wherein the at least one second database includes one or more items of detected time and location data;

at least one heuristic database comprising heuristically estimated information on user behavior, wherein the heuristically estimated information is estimated in accordance with said at least one first database and said at least one second database; and

a search engine that performs a search in accordance with at least one of said at least one first database, said at least one second database, and said at least one heuristic database, and that returns a result of the search to said wireless device.

59. (Previously Presented) A method of targeting content to a user of a communications device, the method comprising:

monitoring time and location data corresponding to a mobile communications device, wherein the time and location data indicate a current location of the mobile communications device;

building a virtual database of information regarding the user, wherein the virtual database includes one or more items of time and location data corresponding to the mobile communications device;

modeling at least one probabilistic behavior of the user in accordance with the virtual database;

searching for content targeted to the at least one modeled probabilistic behavior; and

providing the content to the communications device.

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60. (Canceled)

61. (Original) The method of claim 59, wherein said building comprises monitoring a plurality of information input by the user.

62. (Original) The method of claim 59, wherein said building comprises monitoring of transactions engaged in by the user.

63. (Original) The method of claim 62, wherein said monitoring comprises monitoring for positive responses by the user to the content provided.

64. (Original) The method of claim 61, 62, or 63, further comprising updating the virtual database in accordance with said monitoring.

65. (Canceled)

66. (Original) The method of claim 59, wherein said building comprises batching the information, and accepting the information subsequent to said batching.

67. (Original) The method of claim 59, wherein said building comprises caching the information prior to said modeling.

68. (Original) The method of claim 67, wherein said caching comprises caching until said modeling, and deleting upon said modeling.

69. (Original) The method of claim 59, further comprising restricting access to the virtual database.

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70. (Original) The method of claim 59, wherein said modeling comprises comparing the virtual database with general behavioral information.

71. (Original) The method of claim 59, further comprising accepting a search request from the user, wherein said searching is further in accordance with the search request.

72. (Original) The method of claim 59, further comprising accepting a heuristic search request in accordance with said modeling, wherein said searching is further in accordance with the heuristic search request.

73. (Original) The method of claim 72, further comprising limiting said providing of the content to content having a minimum modeled probability.

74. (Previously Presented) The method of claim 59, wherein said modeling comprises weighting actual data in the virtual database, monitored data in the virtual database, and heuristic data in the virtual database.

75. (Original) The method of claim 59, further comprising: receiving at least one vendor instruction; and targeting the content in accordance with the at least one received vendor instruction.

76. (Original) The method of claim 59, further comprising prioritizing the content in accordance with said modeling.

77. (Original) The method of claim 59, wherein said providing comprises tailoring the content to the user in accordance with the virtual database.

78. (Original) The method of claim 59, wherein said providing comprises tailoring the content to the communications device in accordance with the virtual database.

79. (Original) The method of claim 59, wherein said modeling comprises assessing transactional habit and personal preference data.

80. (Original) The method of claim 59, further comprising receiving feedback on the success of the content with the user, and updating said modeling in accordance with the feedback.

81. (Previously Presented) An adaptive message targeting system, the system comprising:

means for monitoring time and location data corresponding to a mobile communications device, wherein the time and location data indicate a current location of the mobile communications device;

means for accepting a virtual database of information regarding a mobile communications device user, wherein the virtual database includes one or more items of time and location data corresponding to the mobile communications device;

means for modeling at least one probabilistic behavior of the user, in accordance with the virtual database;

means for selecting content targeted to the at least one modeled probabilistic behavior, wherein the appropriateness of the content is determined based on the current location of the mobile communications device; and

means for providing the content to the mobile communications device.

82. (Canceled)

83. (Original) The targeting system of claim 81, wherein said means for accepting comprises means for monitoring a plurality of information input by the user.

84. (Original) The targeting system of claim 81, wherein said means for accepting comprises means for monitoring of transactions engaged in by the user.

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85. (Original) The targeting system of claim 84, wherein said means for monitoring comprises means for monitoring for positive responses by the user to the content provided.

86. (Canceled)

87. (Original) The targeting system of claim 81, wherein said means for accepting comprises a real-time cache for the information.

88. (Original) The targeting system of claim 81, wherein said means for modeling comprises a database including general behavioral information.

89. (Original) The targeting system of claim 81, further comprising: means for targeting the content in accordance with at least one vendor instruction.

90. (Original) The targeting system of claim 81, further comprising means for prioritizing the content in accordance with said means for modeling.

91. (Previously Presented) A virtual database for use in targeting messages to at least one user of a communications device, the virtual database comprising:

at least one network interface to at least one network;

at least one device interface to at least one mobile communications device;

a searching interface;

a storage database comprising at least one actual user characteristic of the at least one user, at least one heuristic user characteristic of the at least one user, and one or more items of time and location data corresponding to the at least one mobile communications device; and

a controller communicatively connected to the at least one network interface, the at least one device interface, the searching interface, and the storage database;

wherein said controller generates the at least one heuristic user characteristic in accordance with the at least one actual user characteristic and at least one item of time and location data, and wherein said controller generates a search for the searching interface in

accordance with the at least one heuristic user characteristic, the at least one actual user characteristic, and at least one of the one or more items of time and location data.

92. (Previously Presented) The virtual database of claim 91, wherein the controller controls information passing to the storage database from at least one of the at least one network interface, the at least one device interface, the searching interface, and the storage database.

93. (Original) The virtual database of claim 92, wherein the controller comprises at least one selected from the group consisting of a DSP, a comparator, and a bus controller.

94. (Original) The virtual database of claim 92, wherein the controller passes the information to the storage database by at least one selected from the group consisting of text, voice over-IP, and data streaming.

95. (Original) The virtual database of claim 91, wherein the at least one actual user characteristic comprises a search request from the user to be performed by said searching interface.

96. (Original) The virtual database of claim 91, wherein the at least one heuristic user characteristic comprises a search request from the controller to be performed by said searching interface.

97. (Original) The virtual database of claim 91, wherein said controller instructs said searching interface in accordance with a statistical probability output of the at least one heuristic user characteristic, in accordance with a comparison to the at least one actual user characteristic.

98. (Original) The virtual database of claim 97, wherein the statistical probability output is updated in accordance with a user behavior responsive to content provided to the user by the searching interface.

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99. (Previously Presented) The virtual database of claim 91, further comprising a plurality of device interfaces, wherein each device interface comprises a device monitoring interface that monitors user behavior on a communications device.

100. (Previously Presented) The virtual database of claim 99, wherein the user behavior is monitored for a communications device comprising a television.

101. (Previously Presented) The virtual database of claim 99, wherein the user behavior is monitored for a communications device comprising a computer.

102. (Canceled)

103. (Previously Presented) A search engine for use in targeting messages to at least one user of a wireless communications device, the search engine comprising:

a first data bank of user characteristics, wherein said first data bank includes at least one user characteristic entered by the user and at least one user characteristic determined in accordance with a time and location monitor that monitors a current location of the wireless communications device;

a comparator communicatively connected to said first data bank;

a second data bank of objective characteristics communicatively connected to said comparator, wherein the objective characteristics are compared to the user characteristics by said comparator for a probabilistic message target;

an available content data bank including available content;

a content filter communicatively connected to said comparator and to said available content data bank, wherein the content filter accesses the available content, and filters the available content in accordance with the probabilistic message target output from said comparator;

wherein the filtered available content is displayed to the user on the wireless communications device; and

a query engine that transmits a message to assess a level of interest of the user in the filtered available content.

104. (Previously Presented) The search engine of claim 103, wherein the said available content data bank comprises network content.

105. (Previously Presented) The search engine of claim 104, wherein the network content comprises internet content.